

ENVIRON

September 6, 2001

Mr. Dion Novak
Superfund Division
United State Environmental Protection Agency
77 West Jackson Boulevard
Mail Code: SR-6J
Chicago, Illinois 60604

EPA Region 5 Records Ctr.



387503

Re: Eagle Zinc Site, Hillsboro, Illinois

Dear Dion:

Thank you for meeting with us on August 28, 2001 to discuss the preliminary scope of work for completing a focused Remedial Investigation/Feasibility Study (RI/FS) at the Eagle Zinc Company site. This letter provides information concerning questions that you asked during the meeting. Each question is summarized below (in italics), followed by information gathered by ENVIRON.

1. *The status of Eagle Zinc's efforts to reuse "oversize" materials derived from the on-site processing of rotary kiln residues.* Since 1999, the facility has been working with the Illinois Environmental Protection Agency (IEPA) to obtain the IEPA's consent to reuse the slag on-site or off-site as roadway surfacing or shallow fill material. At IEPA's recommendation, the facility has reached a general agreement with the Litchfield sanitary landfill involving the landfill's purchase of the slag for use at the landfill as roadway surfacing material. Efforts to obtain IEPA's determination of whether landfill permit modifications are necessary are currently underway. Following the completion of any necessary permitting, this material and all oversize material produced by Eagle Zinc in the future will likely be transported to the Litchfield landfill for reuse.
2. *Information on the storm water retention pond in the southwest corner of the site.* As discussed during the meeting, this pond drains to Outfall 001, which is included in the facility's general storm water permit, but does not require monitoring under the provisions of the permit. According to facility personnel, the pond was historically deeper than it is now and may have been used as a cooling water supply. The western bank of the pond was reportedly breached prior to Eagle Zinc's occupancy of the site to prevent/limit recreational use of the pond. No information is available concerning the depth or bottom contours of the pond. In addition, while it appears the pond may have been modified sometime in the early history of the facility to facilitate its use as a cooling pond, no

information is available concerning whether the pond was originally a natural feature.

3. *The need for ecological assessment of on-site areas.* The Ecological Evaluation component of the RI will include an assessment of ecological conditions in both on-site and off-site areas, as appropriate.
4. *A summary of previous sampling episodes, particularly including the reasons for the sampling efforts and the analytical parameters included.* A table containing this information was prepared by ENVIRON and sent to your attention on August 30, 2001.
5. *Copies of the spreadsheets used by ENVIRON to evaluate previous site data and referred to during the meeting.* Copies of these spreadsheets were sent to your attention on August 30, 2001.

As we discussed, the next technical meeting for the Eagle Zinc site will be held on September 19, 2001 at ENVIRON's Deerfield office. Please do not hesitate to call us if you have any questions concerning this information or any other project matter.

Sincerely,

ENVIRON International Corporation



F. Ross Jones
Manager

FRJ

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cc: Rick Lanham - IEPA Bureau of Land
Joseph Freudenberg, Esq. - Dechert Price & Rhoads
Lois Kimbol, Esq.- Dechert Price & Rhoads
Doug Ucci - Eagle Picher
Gordon Kuntz - Sherwin-Williams
Roy Ball - ENVIRON